

FEDERAL ITEM IDENTIFICATION GUIDE

PAINTS, DOPES, VARNISHES, AND RELATED PRODUCTS

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Cataloging Division

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode</u> <u>Code</u>	<u>Requirement</u>	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
ACTIVATOR, PAINT PRODUCTS	39024	AA
A formulation, when added to paint products, lacquers, and coatings, initiates a chemical reaction. Includes catalysts, additives, curing agents, and the like. Excludes those activators used in ink, plastic, rubber, sealing compounds and adhesives.		
BASIC LEAD CARBONATE #	39025	BF
White lead is the common name for this compound of lead pigment which is used to give color to paint. It is insoluble in water and decomposes on heating. It may be in dry form, or mixed with linseed oil and turpentine in paste form. (For USA use PIGMENT, PAINT PRODUCTS, INC 39041)		
COATING COMPOUND, ANTISWEAT	29714	BG
A compound consisting of a suitable pigment(s) and vehicle, and of high viscosity and fibrous nature, specially formulated to provide antisweat protection on surfaces subject to intermittent condensation.		
COATING COMPOUND, BULLET TIP	20728	AB
A pigment(s) dispersed in a vehicle composed of wax, thinner(s), and/or solvents. Used for coating the tips of projectiles of small arms ammunition for scoring purposes during target practice.		
COATING COMPOUND, FLUORESCENT	15788	AC
A compound for application on objects so that the markings may be visible in the dark during exposure to ultraviolet rays.		
COATING COMPOUND, FLUORESCENT- RADIOACTIVE	15789	AC
A compound for application on objects so that the markings may be visible in the dark during exposure to ultraviolet rays, and to be self-luminous in the absence of external excitation.		
COATING COMPOUND, PHOSPHORESCENT	15822	AC
A compound for application on objects so that the markings may be visible in the dark after cessation of exposure to a visible or invisible source of radiant energy.		
COATING COMPOUND, REFLECTIVE	15790	AC
A compound for application on objects such as trees, posts, markers, and the like, for the purpose of serving as a warning signal by reflecting light from sources, such as vehicle headlights. Excludes PAINT, TRAFFIC.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
COATING KIT, RAIN EROSION RESISTING	20631	AV
Consists of polyurethane coating materials used on leading edges of laminated plastic fabric parts on aircraft and missiles for protection in flight against rain erosion. It may contain coating materials to minimize radio noise from precipitation charging of the coated surface.		
DOPE	18950	AD
A type of lacquer formulated for coating textile fabric surfaces to increase durability by imparting tautness, weather resistance, and strength. Excludes PRIMER COATING.		
ENAMEL	06432	AE
Pigment dispersed in a varnish vehicle containing natural or synthetic resin. The varnish may be modified with drying oil to the extent that the total drying oil content of the vehicle, including the oil in the varnish, does not exceed 75 percent, by weight, of the total nonvolatile portion of the vehicle. When applied in a thin layer, it dries principally by polymerization and/or oxidation to form a hard, smooth, opaque film. Excludes LACQUER; ENAMEL, HEAT RESISTING; bituminous and ceramic coatings; and GOLD SIZE.		
ENAMEL, HEAT RESISTING	18948	AF
An ENAMEL that has the quality to withstand temperatures of 400 degrees Fahrenheit (204.44 Celsius) and higher. See also PAINT, HEAT RESISTING. Excludes bituminous coatings.		
ENAMEL, RUST INHIBITING	45103	AE
An enamel which reacts chemically with rust. Can be used on clean, bare metal or rusted surfaces. Excludes RUST ARRESTING COATING.		
EPOXY COATING KIT	29686	AE
A finish coat material composed of a base compound and an accelerator. The base material consists of an epoxy resin which is a reaction product of epichlorohydrin. The activator is normally a polyamide, polyamine, or similar compound. Usually, for colored epoxy finishes, only the base material contains pigment or dye, but both base and activator may be colored. The material may also be furnished with pigment separate from both base compound and accelerator.		
EPOXY PRIMER COATING KIT	29687	AE
A base coating material used as a primer for succeeding epoxy finish coatings. It is usually furnished as a kit composed of an activator and a base compound.		
EQUIPMENT MARKING KIT, REFLECTORIZED PAINT	15820	AG
An item consisting of a pigmented binder, solvent, and optical glass spheres, which when properly applied to equipment will provide a reflective surface. Excludes PAINT, TRAFFIC which requires wearing ability on streets, highways, and runways.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
FILLER, DENT, METAL SURFACE	17596	AH
A dough-like pigmented composition formulated for filling dents, creases, and imperfections in metal surfaces, in order to form a continuous smooth surface with adjacent areas. Excludes FILLER, WOOD and SURFACER, LIQUID.		
FILLER, ENGRAVING	18490	AJ
A composition formulated for filling the engraved graduations, numerals, letters and figures of scales, or the like, to make them more visible.		
FILLER, PAINT	48604	AK
A paint designed for application by brush or spray to a primed surface to fill in minor surface imperfections. When fully hardened it is lightly sanded to produce a smooth surface for the subsequent application of finishing coats.		
FILLER, WOOD	39026	AK
A composition which may consist of finely ground silex or quartz, or finely divided wood, vegetable fiber, cellulosic derivative or resin binding material and volatile solvents. It is used to fill cracks, pores, cavities or seams in wood products prior to applying paint, varnish or the like. It may be stained to various colors. See SEALER, SURFACE.		
LACQUER	06430	AL
A clear or pigmented liquid coating composition which, when applied in a thin layer, sets and dries rapidly to form a solid film chiefly by evaporation of the solvent portion of the vehicle. It is composed basically of a cellulose derivative and/or a blend of resins, such as vinyl, acrylic, polystyrene, and the like, mixed in a solvent, with or without the addition of plasticizers. Excludes SHELLAC, CUT; PAINT, RUBBER; PAINT, ANTIFOULING; DOPE; and all items that are mechanically strippable.		
LACQUER, PHOTOGRAPHIC PRINT	17613	AL
A transparent liquid which provides a coating for protecting photographs from moisture, dirt, abrasions, grease or finger marks, and from deterioration due to sulphur gases in the air. Excludes LACQUER.		
LINSEED OIL, BOILED	02561	AM
Linseed oil with added drying metallic salts, which may or may not be heated.		
LINSEED OIL, RAW	02562	AM
Oil extracted from flaxseed.		
OPAQUE, PHOTOGRAPHIC FILM-PLATE RETOUCHING	17616	AU
A pigment used for blocking out areas on film or plate negatives.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
Paint		
1. Pigment dispersed in a vehicle, or a pigment mixed with a dry binder, such as cement, casein, or glue. Paint may be a ready mixed liquid or may be in the form of a paste or powder that requires the addition of other ingredients before use. When mixed and applied in a thin layer, it sets and dries to an opaque solid film. Excludes PIGMENT, PAINT PRODUCTS; WATER COLOR; STAIN; ENAMEL; GOLD SIZE; bituminous base coatings; and luminescent coating compounds.		
PAINT (1), ANTIFOULING	15689	AN
The last coat of paint applied to the hull of a ship or surfaces of other items which are exposed to sea water, and contains toxic ingredients, such as red or yellow mercuric oxide, or red cuprous oxide. These toxic substances prevent the attachment of barnacles and other marine growth.		
PAINT (1), FINGER	35689	AP
A non-toxic water base paint to be applied to wet paper with the fingers. Excludes WATER COLOR.		
PAINT (1), HEAT RESISTING	18949	AF
A paint that has the quality to withstand temperatures of 400 degrees Fahrenheit (204.44 Celsius) and higher. See also ENAMEL, HEAT RESISTING.		
PAINT (1), LATEX	35213	AQ
A paint whose basic vehicle is a synthetic polymer in water emulsion form. Excludes PAINT, ANTIFOULING and PAINT, RUBBER.		
PAINT (1), OIL	02100	AR
A paint that uses drying oil or drying oil modified with varnish as the principal nonvolatile component of the vehicle. The total drying oil content, including the oil in the varnish when varnish is used, must be greater than 75 percent, by weight, of the total nonvolatile portion of the vehicle. See also ENAMEL. Excludes PAINT, HEAT RESISTING; PAINT, STENCIL; PAINT, TRAFFIC; PAINT, ANTIFOULING; and PRIMER COATING.		
PAINT (1), RUBBER	15786	AQ
A paint whose basic vehicle is synthetic and/or natural rubber in solution form. Excludes PAINT, ANTIFOULING and PAINT, LATEX.		
PAINT, SCREEN PROCESS	22923	AR
A pigmented paint for use in the manufacture of decalcomanias.		
PAINT (1), STENCIL	15690	AS
A lusterless paint designed primarily for stencilling.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
PAINT, TEMPORARY	15827	AP
A paint designed for easy removal by gasoline, soap and water, mineral spirits, and/or aliphatic naphtha. Excludes PAINT, FACE, CAMOUFLAGE.		
PAINT (1), TRAFFIC	15821	AG
A paint used for marking streets, highways, airport runways, and the like. Excludes WALKWAY COMPOUND, NONSLIP.		
PAINT (1), WATER	39040	AT
A paint that uses water as a basic ingredient. It may also consist of pigments and extenders in an emulsion solution used as a binder, oil-modified alkyd or other resins and drying oils. The water-dispersible oils may be provided separately. Excludes WATER COLOR.		
PAINT (1), WATER, POWDER #	15745	AT
A paint in powder form to which water is added as the basic vehicle ingredient. It may be provided with separate water-dispersible oils. Excludes WATER COLOR.		
Pigment # 1. A finely divided, substantially insoluble solid used to extend other pigments, opacate color, and/or impart color in a vehicle. It may come in dry powder form, pellet form, flake form or in paste form. Paste items are pigment (s) ground in drying oil or varnish, with or without small amounts of volatile thinner, wetting and dispersing agents, or pigment (s) ground in Japan.		
PIGMENT (1), ALUMINUM #	15693	AU
A pigment consisting basically of commercially pure aluminum in the form of fine flakes. When in paste form it consists of fine aluminum flakes mixed with a volatile paint thinner and a suitable fatty lubricant.		
PIGMENT (1), BONE BLACK #	15797	AU
A pigment consisting basically of calcined bones.		
PIGMENT (1), BRIGHT RED IRON OXIDE #	15798	AU
A pigment of bright red shade containing a minimum of 97 percent synthetic red iron oxide.		
PIGMENT (1), BRILLIANT GREEN #	24902	AU
PIGMENT (1), BRONZE #	15799	AU
PIGMENT (1), BULLETIN RED #	24903	AU
PIGMENT (1), BURNT SIENNA #	15801	AU
A pigment whose basic ingredient is calcined raw sienna.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
PIGMENT (1), BURNT UMBER #	15800	AU
A pigment whose basic ingredient is calcined raw umber.		
PIGMENT (1), CHROME GREEN #	15791	AU
PIGMENT (1), CHROME ORANGE #	15792	AU
A pigment consisting basically of various amounts of lead chromate chemically combined with lead oxide and other lead salts.		
PIGMENT (1), CHROME YELLOW #	15793	AU
A pigment consisting basically of either lead chromate or lead chromate chemically combined with lead sulfate, with or without admixture with other insoluble lead salts.		
PIGMENT (1), COBALT BLUE #	15804	AU
PIGMENT (1), INDIAN RED IRON OXIDE #	15805	AU
A pigment of maroon shade containing a minimum of 97 percent synthetic iron oxide.		
PIGMENT (1), IRON BLUE #	15806	AU
A pigment whose basic ingredient is the blue product formed by the reaction of a solution of iron salts with ferro-or ferricyanide solution.		
PIGMENT (1), LITHOPONE #	24908	AU
A dry white powder consisting of barium sulfate, zinc sulfide, and zinc oxide.		
PIGMENT (1), MINERAL RED IRON OXIDE #	15808	AU
A pigment of red shade consisting basically of natural iron oxide containing a minimum of 70 percent FE2O3.		
PIGMENT, PAINT PRODUCTS	39041	AU
A natural or synthetic, substantially insoluble, inorganic or organic substance which imparts color and hiding power, and is used in making paints, enamels, and coating materials. It may be in powder, pellet, flake, or paste form. Paste items are pigments which are ground in drying oils or varnish, with or without small amounts of volatile thinner, wetting and dispersing agents, or pigments ground in Japan. Excludes pigments used in ink, plastic, rubber, sealing compounds, and adhesives.		
PIGMENT (1), PERMANENT YELLOW #	24912	AU
PIGMENT (1), PHTHALOCYANINE BLUE #	24913	AU

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
PIGMENT (1), RAW SIENNA #	15809	AU
A pigment consisting basically of hydrated oxide of iron permeating a siliceous base. Contains a minimum of 38 percent iron oxide as FE203.		
PIGMENT (1), RAW UMBER #	15810	AU
A pigment consisting basically of hydrated oxide of iron, together with such manganese oxide as is naturally associated with it, permeating a siliceous base. Contains a minimum of 37 percent iron oxide as FE203.		
PIGMENT (1), ROSE LAKE #	15811	AU
PIGMENT (1), TUSCAN RED #	15813	AU
A purplish-red pigment, one of the iron reds, made by treating ferric oxide with an alizarin lake.		
PIGMENT (1), ULTRAMARINE BLUE #	15814	AU
A pigment whose basic ingredient is the manufactured product obtained by the calcining of mixtures of clays and silicas with sodium salts, sulphur, and carbonaceous material.		
PIGMENT (1), VENETIAN RED #	15816	AU
A pigment consisting basically of iron oxide fixed on a base consisting essentially of calcium sulphate, with or without small amounts of calcium carbonate. Contains 40 percent to 50 percent of iron oxide as FE203.		
PIGMENT (1), YELLOW OCHER #	15818	AU
A pigment consisting basically of hydrated oxide of iron permeating a siliceous base. Contains a minimum of 17 percent iron oxide as FE203		
POLYURETHANE COATING	29027	AV
A coating material in which the basic film-forming component is polyurethane, oil modified polyurethane, or resin modified polyurethane. It may be pigmented.		
PRIMER COATING	15705	AW
A coating primarily formulated to form a bond and/or protective coating between the surface and the succeeding coat of paint, enamel, or lacquer. Excludes DOPE; COATING COMPOUND, METAL PRETREATMENT, RESIN-ACID; bituminous base coatings and items primarily formulated as sealers, surfacers, or adhesives.		
RED LEAD	15746	AX
An item that consists entirely of oxides of lead and is basically red lead oxide (Pb304). It is used primarily in metal protective paints. It must be of heavier than brushing consistency. Excludes LEAD OXIDE, RED, TECHNICAL.		
REMOVER, PAINT	02101	AY

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
SEALER, SURFACE	15823	AZ
A composition in liquid form primarily used to seal porous surfaces, the nonvolatile portion of which contains varnish, drying oils, and/or resins. Excludes FILLER, WOOD; PRIMER COATING; bituminous coatings and rubber; and rubber base coatings.		
SHELLAC, CUT	15688	BA
Dry shellac dissolved in alcohol. It may contain pigment or dye.		
STAIN	06431	BB
A liquid composition that colors wood or other similar porous material. It is transparent or translucent. It may be a dye dissolved in water, alcohol, or in toluene liquid. It may be a mixture of colored pigment, drying oil, and thinner, or a mixture of colored pigment or dye and varnish. It may be a mixture of colored pigment, wood preservative, drying oil and thinner commonly used for staining shingles. Excludes WATER COLOR.		
THINNER, DOPE AND LACQUER #	15708	BC
THINNER, PAINT, MINERAL SPIRITS #	15714	BC
A straight or blended run of petroleum naphthas stocked as a thinner for paints, varnishes, and enamels, and with a rated aniline point not less than 100 degrees Fahrenheit (37.78 degrees Celsius). Excludes NAPHTHA (as modified).		
THINNER, PAINT PRODUCTS	39023	BC
A straight or blended run of petroleum naphthas with a aniline point of not less than 100 degrees Fahrenheit (37.98 Celsius) or hydrocarbons of intermediate solvent powder used in thinning paints, varnish, enamel, and other coatings compounds. Excludes NAPHTHA (as modified), specific chemicals, thinners used in ink, sealing compounds and adhesives.		
THINNER, SYNTHETIC RESIN ENAMEL #	15715	BC
A hydrocarbon base thinner of intermediate solvent powder which is suitable for thinning synthetic resin base enamels. It may contain alcohol. Excludes specific chemicals.		
TINTING MEDIUM, ENAMEL	06433	AE
A mixture consisting of vehicle agents in greater proportions than the total amount of pigments. It produces a tinting color which is uniform, easily dispersed in paint, and free from grit and color separation. It may come in a liquid or semiliquid form capable of being readily dispersed with a paddle to a smooth uniform consistency. Excludes PIGMENT, PAINT PRODUCTS which may contain only small amounts of vehicle agents.		
TURPENTINE	15716	BD
The colorless and volatile liquid distilled from the products of the pine tree. It consists of a complex mixture of terpene hydrocarbons.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
VARNISH, LANTERN SLIDE	20526	BE

A quick drying, heat resisting, clear varnish for protecting surfaces of lantern slides and pencil and ink markings on plastic drafting surfaces from scratches, chipping and abrasion.

VARNISH, OIL	06434	BE
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A liquid composition of drying oil(s) and resin which is specifically compounded to produce a transparent or translucent hard finish after application as a thin layer. It may have other incidental values, such as resistance to fungus, and a degree of electrical insulation. It dries and sets by evaporation, oxidation, and polymerization. For items specifically compounded primarily for electrical insulating characteristics, see INSULATING VARNISH, ELECTRICAL. Excludes bituminous base items. See also LACQUER; PAINT (as modified) and ENAMEL.

WHITE LEAD, BASIC CARBONATE #	15694	BF
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An item consisting principally of basic carbonate white lead with or without drying oil. It is of heavier than brushing consistency when with drying oil.

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	<u>AA</u>	<u>AB</u>	<u>AC</u>	<u>AD</u>	<u>AE</u>	<u>AF</u>	<u>AG</u>	<u>AH</u>	<u>AJ</u>	<u>AK</u>
NAME	X	X	X	X	X	X	X	X	X	X
CBHP	X									X
HUES	AR	X	X	X	X	X	X	X	X	X
CWZT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AJNG	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AJNJ	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CBGR		X			X					
CBJD			AR							
CCSD			X							
AGXW	X	AR	AR					X	X	X
AZKQ						X				
CBGS					X	AR	AR			
CBGX					X					
CBGT					X	AR	AR			
CBHC				AR						
CBHW				X						
CBHS				AR						
CBJH	X									
MEDA	X									
CWZM		X	AR	AR	AR	AR	AR	AR	AR	AR
CXPD #			AR	AR						
AHEE		X	X	X	X	X	X			
AFJF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AKKF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ARSD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CBBL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CZFI	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CZFK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ENAC	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ALAX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PPRM	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
BBRG	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

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CXCY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

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	<u>AL</u>	<u>AM</u>	<u>AN</u>	<u>AP</u>	<u>AQ</u>	<u>AR</u>	<u>AS</u>	<u>AT</u>	<u>AU</u>	<u>AV</u>
NAME	X	X	X	X	X	X	X	X	X	X
CBHP	X									
HUES	X		X	X	X	X	X	X	X	X
CWZT	AR		AR	AR	AR	AR	AR	AR	AR	AR
AJNG	AR		AR	AR	AR	AR	AR	AR	AR	AR
AJNJ	AR		AR	AR	AR	AR	AR	AR	AR	AR
CBGR	AR				AR	AR				X
CBJD									AR	
CCSD					X			X	X	X
AGXW				X			AR	X	X	
AJMJ			AR							
CBGS			X	AR		X		AR	X	
CBGZ						AR				
CBGT			X	AR		X		AR	X	
CBHC	X						X			X
CBHQ	AR									AR
BDPL	AR									AR
CBHR	AR									AR
BMRP	AR									AR
CBJC									AR	
CBJH		X							X	
CCSF		X								
CBJK		X								
AWAF		X								
MEDA		X							X	
CWZM	AR		AR	AR	AR	AR	AR	AR		AR
CXPD #	AR									
AHEE	X		X	AR	X	X	X	X		X
AFJF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AKKF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ARSD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CBBL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CZFI	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CZFK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ENAC	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ALAX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PPRM	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
BBRG	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

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AGAV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

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	<u>AW</u>	<u>AX</u>	<u>AY</u>	<u>AZ</u>	<u>BA</u>	<u>BB</u>	<u>BC</u>	<u>BD</u>	<u>BE</u>	<u>BF</u>
NAME	X	X	X	X	X	X	X	X	X	X
CBHP							X			
HUES	AR				X	X				X
CWZT	AR				AR	AR				AR
AJNG	AR				AR	AR				AR
AJNJ	AR				AR	AR				AR
CBGR					AR	AR				
CCSD				X		X		AR		X
AGXW		X	X							X
CBGS	X									
CBGZ	AR									
CBGT	X									
CBHN	AR									
CBHQ					AR					
BDPL					AR					
CBHR					AR					
BMRP					AR					
CBHX									X	
CBHY									AR	
CBJG							AR			
CBJH							AR	X		
ANSF			X							
BPIZ						X				
MEDA							X	X		
CWZM	AR			AR	AR	AR			AR	AR
CXPD #					AR				AR	
AHEE	X	X		X	X	X			X	X
AFJF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AKKF	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ARSD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CBBL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CZFI	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CZFK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ENAC	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ALAX	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PPRM	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
BBRG	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

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CXCY	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR

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BG

NAME	X
HUES	X
CWZT	AR
AJNG	AR
AJNJ	AR
CBGR	X
CCSD	AR
AGXW	AR
CBGS	X
CBGT	X
CWZM	AR
AHEE	X
AFJF	AR
AKKF	AR
ARSD	AR
CBBL	AR
CZFI	AR
CZFK	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ALAX	AR
PPRM	AR
ELRN	AR
ELCD	AR
SUPP	AR
BBRG	AR
ZZZP	AR
ZZZV	AR
AGAV	AR
CXCY	AR
HZRD	AR
PRMT	AR

SECTION I

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.			
Reply Instructions: Enter the applicable Item Name Code appearing in the Appendix of Approved Item Names. (e.g., NAMED18948*)			
AA, AK, AL, BC			
	CBHP	D	BASIC MATERIAL TYPE
Definition: INDICATES THE TYPE OF ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BASIC MATERIAL IS FABRICATED.			
Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., CBHPDAAAC*; CBHPDAACM\$\$DAAFJ*; CBHPDAAAC\$DAACN*)			
AA*, AB, AC, AD, AE, AF, AG, AH, AJ, AK, AL, AN, AP, AQ, AR, AS, AT, AU, AV, AW*, BA , BB, BF, BG			
	HUES	D	COLOR
Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.			
Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., HUESDBR0000*; HUESDGR0000\$DYE0000*; HUESDGR0000\$DYE0000*)			
NOTE FOR MRCS CWZT, AJNG, AND AJNJ: IF COLOR CAN BE MATCHED TO A COLOR IN FED STD 595, REPLY TO MRC CWZT. IF COLOR CANNOT BE MATCHED TO THE ABOVE AND HAS A COLOR CHIP NUMBER, REPLY TO MRCS AJNG AND AJNJ.			
AA*, AB*, AC*, AD*, AE*, AF*, AG*, AH*, AJ*, AK*, AL*, AN*, AP*, AQ*, AR*, AS*, AT*, AU*, AV*, AW*, BA*, BB*, BF*, BG* (See Note Above)			
	CWZT	A	COLOR CHIP NUMBER

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SECTION I

APP
Key

MRC

Mode Code

Requirements

Definition: A NUMBER ASSIGNED TO A PARTICULAR GRADATION OF A COLOR IN ACCORDANCE WITH FEDERAL STANDARD 595 FOR PURPOSES OF READY IDENTIFICATION.

Reply Instructions: Enter the applicable color chip number from Fed Std 595. (e.g., CWZTA24525*)

AA*, AB*, AC*, AD*, AE*, AF*, AG*, AH*, AJ*, AK*, AL*, AN*, AP*, AQ*, AR*, AS*, AT*, AU*, AV*, AW*, BA*, BB*, BF*, BG* (See Note Preceding MRC CWZT)

AJNG

D

SHADE SOURCE

Definition: THE NAME OF THE REFERENCE SOURCE OF THE SHADE IDENTIFICATION DESIGNATOR.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 8. (e.g., AJNGDAE*; AJNGDAE\$DAZ*)

AA*, AB*, AC*, AD*, AE*, AF*, AG*, AH*, AJ*, AK*, AL*, AN*, AP*, AQ*, AR*, AS*, AT*, AU*, AV*, AW*, BA*, BB*, BF*, BG* (See Note Preceding MRC CWZT)

AJNJ

A

SHADE IDENTIFICATION

Definition: A DESIGNATION ASSIGNED TO A PARTICULAR GRADATION OF A COLOR FOR PURPOSE OF READY IDENTIFICATION.

Reply Instructions: Enter the identification. (e.g., AJNJA23*; AJNJA23\$A32*)

AB, AE, AL*, AQ*, AR*, AV, BA*, BB*, BG

CBGR

D

GLOSS DESIGNATION

Definition: THE DESIGNATOR OR TERM USED TO IDENTIFY THE GLOSS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBGRDBAL*; CBGRDBCX\$DBDL*)

REPLY CODE

BAL

AAE

BDK

BAR

BAT #

BHG #

BDL

BCX

REPLY (AK39)

EGGSHELL

FLAT (up to 5 gloss units)

FULL (over 85 gloss units)

GLOSS (over 50 up to 85 gloss units)

HIGH GLAZED

LOW (over 5 up to 20 gloss units)

LUSTERLESS

SEMIGLOSS (over 20 up to 50 units)

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SECTION I

APP Key	MRC	Mode Code	Requirements
	BBQ		SMOOTH GLAZED

AC*, AU*

CBJD D SHADE DESIGNATION

Definition: A DESIGNATION OF THE DENSITY OF THE SHADE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBJDDAAB*; CBJDDAAB\$DAAD*)

<u>REPLY CODE</u>	<u>REPLY (AN49)</u>
AAE	AFTERGLOWING
AAB	DARK
AAF	DAYLIGHT-FLUORESCENT
AAC	LIGHT
AAD	MEDIUM

AC, AQ, AT, AU, AV, AZ, BB, BD*, BF, BG*

CCSD D BASIC FORMULATION TYPE

Definition: INDICATES THE TYPE OF BASIC FORMULATION COMPOSING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3. (e.g., CCSDDBR*; CCSDDBR\$DBS*; CCSDDDQ\$DDU*)

AA, AB*, AC*, AH, AJ, AK, AP, AS*, AT, AU, AX, AY, BF, BG*

AGXW D PHYSICAL FORM

Definition: THE RECOGNIZED SHAPE, CONFIGURATION, STRUCTURE, OR MOLD OF A SUBSTANCE, NATURAL OR REFINED, THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4. (e.g., AGXWDACB*; AGXWDACB\$DABC*; AGXWDABC\$DABC*)

AN*

AJMJ D APPLICATION TYPE

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SECTION I

APP			
Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF APPLICATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJMJDAF*; AJMJDAE\$DAF*)

<u>REPLY CODE</u>	<u>REPLY (AF75)</u>
AE	COLD
AF	HOT

AF

AZKQ	J	TEMP RATING
------	---	-------------

Definition: A VALUE WHICH EXPRESSES THE DEGREE OF HEAT OR COLD AS APPLIED TO THE OPERATION, OR LIMITATION OF OPERATION, OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AZKQJCA65.0*; AZKQJFB65.0\$\$JFC70.0*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AB36)</u>
C	DEG CELSIUS
F	DEG FAHRENHEIT

<u>Table 2</u>	
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AE, AF*, AG*, AN, AP*, AR, AT*, AU, AW, BG

CBGS	D	PIGMENT MATERIAL TYPE
------	---	-----------------------

Definition: INDICATES THE TYPE OF ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PIGMENT IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., CBGSDAACC*; CBGSDAAAC\$\$DAAFJ*; CBGSDAAAC\$DAAFJ*)

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SECTION I

APP Key	MRC	Mode Code	Requirements
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AR*, AW*

CBGZ	D	PIGMENT SEPARATE PACKAGE TYPE
------	---	-------------------------------

Definition: INDICATES THE TYPE OF SEPARATE PACKAGE IN WHICH THE PIGMENT IS CONTAINED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBGZDAABL*; CBGZDAABK\$DAABL*)

REPLY CODE

AABK
AABL

REPLY (AE96)

COMPARTMENT
CONTAINER

AE

CBGX	D	FINISH FOR WHICH FORMULATED
------	---	-----------------------------

Definition: AN INDICATION OF THE FINISH FOR WHICH THE ITEM IS FORMULATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBGXDET*)

REPLY CODE

ES
ET
EW

REPLY (AA41)

COARSE
FINE
MEDIUM

AE, AF*, AG*, AN, AP*, AR, AT*, AU, AW, BG

CBGT	D	VEHICLE MATERIAL TYPE
------	---	-----------------------

Definition: INDICATES THE TYPE OF ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE VEHICLE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., CBGTDAAFB*; CBGTDAAGR\$\$DAAFJ*; CBGTDAAGR\$DAACH*)

AD*, AL, AS, AV

CBHC	B	NONVOLATILE MATERIAL MINIMUM
------	---	------------------------------

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SECTION I

APP			
Key	MRC	Mode Code	Requirements

PERCENTAGE

Definition: THE MINIMUM PERCENT OF NONVOLATILE MATERIAL INCLUDED IN THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., CBHCB60.0*)

AW*

CBHN	J	RECOATING AIR DRYING TIME
------	---	---------------------------

Definition: AN INDICATION OF THE AIR DRYING TIME REQUIRED FOR RECOATING.

Reply Instructions: Enter the applicable Reply Codes from Table 1 and 2 below, followed by the numeric value. (e.g., CBHNJDFA30.0*; CBHNJDFB30.0\$\$JDFC40.0*)

Table 1

REPLY CODE

FQ

DF

REPLY (AG67)

HOURS

MINUTES

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

AL*, AV*, BA*

CBHQ	D	COLORING METHOD
------	---	-----------------

Definition: THE MEANS USED TO COLOR THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBHQDBHJ*; CBHQDBHH\$DBHJ*)

REPLY CODE

BHH

BHJ

REPLY (AM39)

DYED

PIGMENTED

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SECTION I

APP			
Key	MRC	Mode Code	Requirements

NOTE FOR MRCS BDPL AND CBHR: IF A COLORING ADDITIVE IS INCLUDED (See MRC CBBL), REPLY TO MRCS BDPL AND CBHR.

AL*, AV*, BA* (See Note Above)

BDPL	D	GRADE DESIGNATION
------	---	-------------------

Definition: A DESIGNATION OF THE GRADE BY WHICH THE ITEM IS IDENTIFIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDPLDAZ*; BDPLDAZ\$DBA*)

<u>REPLY CODE</u>	<u>REPLY (AL91)</u>
AZ	REFINED
BA	REGULAR

AL*, AV*, BA* (See Note Preceding MRC BDPL)

CBHR	D	BODY STRENGTH DESIGNATION
------	---	---------------------------

Definition: A DESIGNATION INDICATING THE STRENGTH OF THE BODY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBHRDAP*; CBHRDAL\$DAP*)

<u>REPLY CODE</u>	<u>REPLY (AJ87)</u>
AJ	EXTRA HEAVY
AK	HEAVY
AL	LIGHT
AM	MEDIUM
AN	VERY HEAVY
AP	VERY LIGHT

AL*, AV*, BA*

BMRP	D	PROCESSING TYPE
------	---	-----------------

Definition: INDICATES THE TYPE OF PROCESSING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BMRPDAAN*)

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APP Key	MRC	Mode Code	Requirements
		<u>REPLY CODE</u>	<u>REPLY (AN35)</u>
		AAN	BLEACHED
		AAP	ORANGE

AD

CBHW D CELLULOSIC DERIVATIVE

Definition: THE BASIC INGREDIENT(S) FROM WHICH THE ITEM IS DERIVED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBHWDCA*; CBHWDCA\$DCB*)

<u>REPLY CODE</u>	<u>REPLY (AJ06)</u>
CA	ACETATE
CB	ACETATE BUTYRATE
CC	NITRATE

AD*

CBHS B 60 DEG SPECULAR GLOSS RATING

Definition: THE 60 DEGREE SPECULAR GLOSS RATING OF THE ITEM.

Reply Instructions: Enter the numeric value if pigmented to give other than full gloss or semigloss. (e.g., CBHSB8.0*)

To obtain gloss rating, divide flatness value by 5.

If pigmented to give full gloss or semigloss, do not respond to this requirement.

BE

CBHX D RESIN MATERIAL TYPE

Definition: INDICATES THE TYPE OF ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE RESIN IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., CBHXDAAAC*; CBHXDAAAC\$\$DAACM*)

BE*

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SECTION I

APP Key	MRC	Mode Code	Requirements
	CBHY	B	KAURI REDUCTION IN PERCENT

Definition: AN INDICATION OF THE KAURI REDUCTION OF THE ITEM, EXPRESSED IN PERCENT.

Reply Instructions: Enter the numeric value. (e.g., CBHYB25.0*)

AU*

CBJC	D	LINING TYPE
------	---	-------------

Definition: INDICATES THE TYPE OF LINING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBJCDASG*; CBJCDASG\$DDSK*)

<u>REPLY CODE</u>	<u>REPLY (AK54)</u>
DSJ	EXTRA FINE
ASG	STANDARD
DSK	STANDARD FINENESS

BC*

CBJG	J	DISTILLATION TEMP RANGE
------	---	-------------------------

Definition: THE MINIMUM AND MAXIMUM TEMPERATURES AT WHICH DISTILLATION TAKES PLACE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CBJGJAAEP34.0/P485.0*)

<u>REPLY CODE</u>	<u>REPLY (AJ40)</u>
AAD	DEG CELSIUS (centigrade)
AAE	DEG FAHRENHEIT

AA, AM, AU, BC*, BD

CBJH	D	MATERIAL TYPE FOR WHICH DESIGNED
------	---	----------------------------------

Definition: INDICATES THE TYPE OF MATERIAL FOR WHICH THE ITEM IS DESIGNED.

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SECTION I

APP
Key

MRC

Mode Code

Requirements

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1.
(e.g., CBJHDAAAC*)

AY

ANSF

D

SOLVENT TYPE

Definition: INDICATES THE TYPE OF SOLVENT PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,
ANSFDAN*; ANSFDAM\$DAN*)

REPLY CODE

AN

AM

REPLY (AK06)

ALKALI

ORGANIC

AM

CCSF

A

MAXIMUM ACID NUMBER

Definition: THE MAXIMUM NUMBER THAT REPRESENTS THE ACID
CONDITION OF THE ITEM.

Reply Instructions: Enter the number. (e.g., CCSFA4*; CCSFA7.5*)

AM

CBJK

A

MINIMUM IODINE NUMBER

Definition: THE MINIMUM IODINE NUMBER OF THE ITEM.

Reply Instructions: Enter the number. (e.g., CBJKA177*)

AM

AWAF

F

SPECIFIC GRAVITY RANGE

Definition: THE LIMITS OF SPECIFIC GRAVITY INDICATED BY THE ITEM.

Reply Instructions: Enter the numeric values. (e.g., AWAFFP0.931/P0.936*)

BB

BPJZ

D

USAGE LOCATION

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APP
Key MRC Mode Code Requirements

Definition: INDICATES THE LOCATION AT WHICH THE ITEM IS TO BE USED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BPJZDCLW*; BPJZDCLT\$DCLW*)

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
CLT	EXTERIOR
CLW	INTERIOR

AA, AM, AU, BC, BD

MEDA D MEDIA FOR WHICH DESIGNED

Definition: THE TYPE OF MEDIA FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,MEDADAHP*; MEDADAHP\$DAHS*)

<u>REPLY CODE</u>	<u>REPLY (AN91)</u>
AHP	COATING COMPOUND
AHQ	DOPE
AHR	ENAMEL
AHS	EPOXY
AHT	LACQUER
ABL	PAINT
AHU	PIGMENT
AHV	POLYURETHANE
AHW	SHELLAC
AKL	SYNTHETIC RESIN ENAMEL
AHX	VARNISH

AB, AC*, AD*, AE*, AF*, AG*, AH*, AJ*, AK*, AL*, AN*, AP*, AQ*, AR*, AS*, AT*, AV*, AW*, AZ*, BA*, BB*, BE*, BF*, BG*

CWZM J RATED DRYING TIME

Definition: THE TIME REQUIRED FOR THE ITEM TO DRY.

Reply Instructions: Enter the applicable drying time (dry to handle) from Reply Codes in Tables 1 and 2 below, followed by the numeric value. (e.g., CWZMJDF A30.000*; CWZMJDFB30.000\$JDFC60.000*)

Table 1

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APP Key	MRC	Mode Code	Requirements
		<u>REPLY CODE</u>	<u>REPLY (AG67)</u>
		GL	DAYS
		FQ	HOURS
		DF	MINUTES
		<u>Table 2</u>	
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

AC*, AD*, AL*, BA*, BE*

CXPD # A FLOW TIME ACCORDING TO DIN

Definition: THE FLOW TIME MEASURED WITH THE FLOW CUP
ACCORDING TO DIN FOR THE DETERMINATION OF THE VISCOSITY.

Reply Instructions: Enter the flow time. (e.g., CXPDA40 SEKUNDEN 4 DIN
53211*)

AB, AC, AD, AE, AF, AG, AL, AN, AP*, AQ, AR, AS, AT, AV, AW, AX, AZ, BA, BB, BE,
BF, BG

AHEE D APPLICATION METHOD

Definition: THE MEANS BY WHICH THE ELEMENT, COMPOUND,
MIXTURE, OR THE LIKE, IS APPLIED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 6.
(e.g., AHEEDBL*; AHEEDBL\$DBM*)

ALL *

AFJF D SPECIFIC USE

Definition: THE REQUIRED PURPOSE OR APPLICATION FOR WHICH THE
ITEM IS DESIGNED.

Reply Instructions: Enter the Reply Code from [Appendix A](#), Table 5. (e.g.,
AFJFDTF*; AFJFDTF\$DSS*)

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Key MRC Mode Code Requirements

NOTE FOR MRCS AKKF AND ARSD: IF ITEM IS A SINGLE COMPONENT, REPLY TO MRC AKKF. IF ITEM CONSIST OF TWO OR MORE COMPONENTS, REPLY TO MRC ARSD.

ALL * (See Note Above)

AKKF J QUANTITY WITHIN EACH UNIT PACKAGE

Definition: THE NUMBER OF THE VOLUME, FORM, OR THE DOSAGE WITHIN EACH UNIT PACKAGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AKKFJAE8.000*; AKKFJBA750.0*)

<u>REPLY CODE</u>	<u>REPLY (AG67)</u>
AE	FLUID OUNCES
AF	GALLONS
BA	GRAMS
AJ	KILOGRAMS
CC	LITERS
AM	MILLILITERS
AN	OUNCES
AR	PINTS
AS	POUNDS
AT	QUARTS

ALL * (See Note Preceding MRC AKKF)

ARSD G CONTENT WITHIN EACH UNIT PACKAGE

Definition: THE AMOUNT OF THE ITEM CONTAINED WITHIN EACH UNIT PACKAGE.

Reply Instructions: Enter the reply in clear text. (e.g., ARSDG1 QT of COMPONENT A and 1 PT of COMPONENT B*)

NOTE FOR MRC CBBL: . TO RECORD FEATURES WHICH ARE NOT LISTED IN THE REPLY TABLE, USE MRC FEAT.

ALL * (See Note above)

CBBL D FEATURES PROVIDED

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APP Key	MRC	Mode Code	Requirements
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Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDANA*; CBBLDANA\$DETX*; CBBLDETW\$\$DCVY*)

<u>REPLY CODE</u>	<u>REPLY (AN47)</u>
FPK	AEROSOL CAN
CVU	ALUMINUM PIGMENT
ETW	BAKE DRY ONLY
CYU	CHEMICAL RESISTANT
DKF	CHROMATE FREE
CVV	COLORING ADDITIVE
ANA	EXCEEDS 0.06 PERCENT LEAD BY WEIGHT
CVW	FIRE RETARDING CHARACTERISTICS
CVX	FLAMMABLE
BEA	INFRARED REFLECTANCE
FVL	LEAD FREE
FVM	LOW VOC
BVH	MILDEW RESISTANT
CVY	NONFLAMMABLE
ETY	REMOVABLE WITH WATER
CVZ	SILICEOUS AGGREGATE
ETX	WRINKLE FINISH
CWA	ZINC OXIDE PIGMENT

NOTE FOR MRC CZFJ: IF REPLY CODE JD, GR, JC, JE, J1 OR GQ WAS ENTERED FOR MRC ENAC, REPLY TO MRC CZFJ.

ALL * (See Note Above)

CZFJ	B	VOLATILE ORGANIC COMPOUND IN GRAMS PER LITERS
------	---	-----------------------------------------------

Definition: THE VOLATILE ORGANIC COMPOUND OF THE ITEM AS RATED BY INDUSTRY, EXPRESSED IN GRAMS PER LITERS.

Reply Instructions: Enter the numeric value. (CZFJB0.6*)

ALL *

CZFK	J	VOLATILE COMPOUND CONTENT
------	---	---------------------------

Definition: THE AMOUNT OF VOLATILE COMPOUND INCLUDED IN THE ITEM.

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APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Reply Instructions: Enter the applicable Reply Code from the Table Below, followed by the Numeric Value. (e.g., CZFKJDE1.0*; CZFKJHQ50.0*)

<u>REPLY CODE</u>	<u>REPLY (AB49)</u>
HQ	GRAMS PER LITER
DE	POUNDS PER GALLON

ALL * (See Note Preceding MRC CBBL)

FEAT	G	SPECIAL FEATURES
------	---	------------------

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST	J	TEST DATA DOCUMENT
------	---	--------------------

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;
TESTJA1234A-654321\$\$JB5556A-663654*;
TESTJAA2345-654321\$JB55566-663654*)

<u>REPLY</u>	<u>REPLY (AC28)</u>
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APP Key	MRC	Mode Code	Requirements
<hr/>			
		<u>CODE</u>	
		A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
		B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

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APP Key	MRC	Mode Code	Requirements
			(e.g., ZZZKJT81337-30642B*; ZZZKJS81349-MIL-D-180 REV1/CANCELED/*; ZZZKJP80205-NAS1103*; ZZZKJS81349-MIL-C-1140C/CE/*; ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL * (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 9, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$\$JSTA*; ZZZTJTY1\$JSTA*)

ALL *

ZZZW G DEPARTURE FROM CITED DOCUMENT

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APP Key	MRC	Mode Code	Requirements
			<p>Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)</p>
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			<p>Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)</p>
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			<p>Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)</p>
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			<p>Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.</p>

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APP
Key

MRC

Mode Code

Requirements

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL\$\$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

PRPY

A

PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL\$\$ASURF*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL * (See Note Above)

ENAC

D

ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDEQ*; ENACDGQ\$\$DGR*)

REPLY
CODE
EQ

REPLY (EN02)

COMPREHENSIVE PROCUREMENT GUIDELINE -
CONSTRUCTION PRODUCTS - LATEX PAINT,

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SECTION I

APP Key	MRC	Mode Code	Requirements
			CONSOLIDATED AND REPROCESSED
	BG		GRAFFITI AND GREASE REMOVERS - BIOBASED
	JD		LOW VOLATILE ORGANIC COMPOUND -
			COATINGS - AEROSPACE OPERATIONS COATINGS
	GR		LOW VOLATILE ORGANIC COMPOUND -
			COATINGS - ARCHITECTURAL COATINGS
	JC		LOW VOLATILE ORGANIC COMPOUND -
			COATINGS - MARINE OPERATIONS COATINGS
	JE		LOW VOLATILE ORGANIC COMPOUND -
			COATINGS - METAL PARTS COATINGS
	J1		LOW VOLATILE ORGANIC COMPOUND -
			CONSUMER PRODUCTS - CONSUMER AEROSOL
			COATINGS
	GQ		LOW VOLATILE ORGANIC COMPOUND -
			CONSUMER PRODUCTS - HOUSEHOLD CONSUMER
			PRODUCTS
	BN		MEMBRANE CONCRETE SEALERS - BIOBASED
	NR		REVIEWED - DOES NOT MEET SOME ENAC
			CRITERIA
	CB		WOOD AND CONCRETE SEALERS CONTAINING
			PENETRATING LIQUID(S) - BIOBASED

NOTE FOR MRC ALAX: IF REPLY CODE BG, BN OR CB WAS ENTERED FOR MRC ENAC, REPLY TO MRC ALAX.

ALL* (See Note Above)

ALAX B BIOBASED CONTENT PERCENTAGE

Definition: THE STATED PERCENTAGE OF THE ITEM'S CONTENT THAT IS BIOBASED.

Reply Instructions: Enter the numeric value. (e.g., ALAXB75.0)

NOTE FOR MRC PPRM: IF REPLY CODE EQ WAS ENTERED FOR MRC ENAC, REPLY TO MRC PPRM.

ALL* (See Note Above)

PPRM B POST-CONSUMER RECOVERED
MATERIALS PERCENTAGE

Definition: THE PERCENTAGE OF THE POST-CONSUMER RECOVERED OR RECYCLED MATERIAL INCLUDED IN THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., PPRMB28.0)

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APP Key	MRC	Mode Code	Requirements
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ALL*

ELRN	G	EXTRA LONG REFERENCE NUMBER
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Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION
------	---	---------------------------------------

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

<u>REPLY</u> <u>CODE</u>	<u>REPLY (AN58)</u>
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

ALL *

SUPP	G	SUPPLEMENTARY FEATURES
------	---	------------------------

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

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SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL *

BBRG	D	STORAGE TYPE
------	---	--------------

Definition: INDICATES THE TYPE OF STORAGE SPACE REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBRGDAC*; BBRGDAN\$\$DAL*)

<u>REPLY CODE</u>	<u>REPLY (AM81)</u>
AC	CLOSED SHED
AD	CONTROLLED HUMIDITY WAREHOUSE
AM	DEHUMIDIFIED WAREHOUSE
AE	GENERAL PURPOSE WAREHOUSE
AN	HEATED WAREHOUSE
AH	OPEN SHED
BF	REFRIGERATOR LOCKER
AL	TEMPERATURE CONTROLLED WAREHOUSE
AJ	UNHEATED WAREHOUSE

ALL *

ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
------	---	----------------------------------------

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81137-30624A*)

ALL *

ZZZV	G	FSC APPLICATION DATA
------	---	----------------------

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SECTION I

APP
Key

MRC

Mode Code

Requirements

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

ALL *

AGAV

G

END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL *

CXCY

G

PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

ALL *

HZRD

D

HAZARDOUS SUBSTANCES

Definition: THE SUBSTANCES AND/OR MATERIALS CONTAINED IN THE ITEM THAT HAVE BEEN IDENTIFIED AS HAZARDOUS OR ENVIRONMENTALLY DAMAGING BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AUTHORIZED GOVERNMENT AGENCY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HZRDDHAZ003 *; HZRDDHAZ007\$DHAZ009*)

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APP Key	MRC	Mode Code	Requirements
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<u>REPLY CODE</u>	<u>REPLY (HZ00)</u>
HAZ003	ALUMINUM POWDER
HAZ007	ASPHALT
HAZ009	CALCIUM CHROMATE
HAZ043	ETHYLENE GLYCOL

ALL *

PRMT	D	PRECIOUS MATERIAL
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Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000\$DAGA000*; PRMTDAUA000\$DAGA000*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

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Table 1 - MATERIAL
MATERIAL

<u>REPLY CODE</u>	<u>REPLY (AN48)</u>
ABMU	ACRYL
ABLZ	ACRYLATE DISPERSION
ABHR	ACRYLIC EMULSION
AAAB	ACRYLIC NITROCELLULOSE
AAAC	ACRYLIC RESIN
AAAD	ALIPHATIC
ABGZ	ALIPHATIC HYDROCARBONS
AAAE	ALKYD CELLULOSE
AAAF	ALKYD DRYING OIL
AAAG	ALKYD RESIN
AAAH	ALKYD RESIN, CHLORINATED
ABME	ALKYD RESIN, MODIFIED
AAAJ	ALKYD RESIN SOLUTION
AAAK	ALKYD RESIN SOLUTION, OIL MODIFIED
AAAL	ALKYD RESIN SOLUTION, OIL MODIFIED DRIER THINNER
AAAM	ALKYD SOLUTION
AAAN	ALUMINUM
AAAP	ALUMINUM FLAKES
AAAQ	ALUMINUM PASTE
ABGM	ALUMINUM PASTE, TT-P-320, TYPE 2, CLASS A
ABGN	ALUMINUM PASTE, TT-P-320, TYPE 2, CLASS B
AAAR	ALUMINUM POWDER
ABGP	ALUMINUM POWDER, TT-P-320, TYPE 1, CLASS C
AAAS	ALUMINUM SILICATE (kyanite)
AAAT	ALUMINUM STEARATE
ABHS	AMYL ACETATE

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REPLY
CODE

REPLY (AN48)

AAAW	ANATASE
AAAX	ANATASE TITANIUM DIOXIDE
AAAY	ANATASE WHITE LEAD
AABD	ANTI-SAGGING AGENT
AABE	ANTI-SETTLING AGENT
AABF	ANTI-SKINNING AGENT
AAAZ	ANTIMONY DIOXIDE
AABA	ANTIMONY OXIDE
ABHT	ANTIMONY SULFIDE
AABB	ANTIMONY SULFIDE BLACK
AABC	ANTIMONY TRIOXIDE
ABHA	AROMATIC HYDROCARBONS
AABG	AROMATIC SOLVENT
AABH	AROMATIC SOLVENT ALKYD RESIN
AABJ	ARSENIOUS OXIDE
AABK	ASBESTOS FIVE
AABL	ASPHALT
AABM	ASPHALTITE
ABLV	BARIUM CHROMATE
ABGS	BARIUM SULFATE
AABN	BASIC CARBONATE
AABP	BASIC CARBONATE WHITE LEAD
	Basic Carbonate White Lead (use Reply Code ABHU)
ABHU	BASIC LEAD CARBONATE (White Lead)
ABHV	BASIC LEAD CHROMATE
ABHW	BASIC LEAD SILICATE
ABGT	BASIC LEAD SILICO CHROMATE
ABHX	BASIC LEAD SULFATE (Sublimed WhiteLead)
ABLF	BASIC PETROLEUM
AABQ	BASIC SULFATE
AABR	BEETLE 216-8 CURING AGENT
AABS	BEETLE 216-8 CURING AGENT EPOXY RESIN THINNER
ABHY	BLACK FERRIC OXIDE
AABT	BLACK IRON OXIDE
AABW	BLOWN FISH OIL (Fish Oil)
ABHZ	BLOWN LINSEED OIL
AABX	BLUE EXTENDER
AABY	BODIED LINSEED OIL
ABJA	BOILED LINSEED OIL
ABMV	BONE BLACK
AABZ	BROWN IRON OXIDE
ABMR	BUTYL ACETATE
AACA	BUTYL ALCOHOL
AACB	BUTYL ALCOHOL, PHOSPHORIC ACID
ABJB	CADMIUM NITRATE
ABJC	CADMIUM SELENIDE (Cadmium Red)
ABJD	CADMIUM SULFIDE (Cadmium Yellow)

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APPENDIX A

REPLY
CODE

REPLY (AN48)

	Cadmium Yellow (use Reply Code ABJD)
ABJE	CALCIMINE
AACC	CALCIUM CARBONATE (Chalk)
AACD	CALCIUM CHROMATE
ABJF	CALCIUM HYDROXIDE
AACE	CALCIUM OXIDE ACID, SOLUBLE FORM
AACF	CALCIUM SILICATE
AACG	CALCIUM SULPHATE
AAQJ	CARBON
AACH	CARBON BLACK (Channel Black)
AACJ	CELITE 165-S
ABMP	CELLULOSE
AACK	CELLULOSE ACETATE
AACL	CELLULOSE ACETATE BUTYRATE
AACM	CELLULOSE NITRATE
AACN	CELLULOSIC DERIVATIVE
AACP	CERESIN WAX
	Chalk (use Reply Code AACC)
AACQ	CHANNEL TYPE
AACR	CHINA CLAY (Kaolin)
AACS	CHLORINATED ALKYD RESIN
AACT	CHLORINATED RUBBER
AACW	CHLORINATED RUBBER SOLUTION
AACX	CHROMATE
AACY	CHROME GREEN
AACZ	CHROME GREEN, PURE
AADA	CHROME ORANGE
AADB	CHROME YELLOW
AADC	CHROME YELLOW, MEDIUM
AADD	CHROMIC OXIDE
AADF	CHROMIUM OXIDE, GREEN
AADG	CHROMIUM OXIDE, GREEN, DRY
AADE	CHROMIUM OXIDE (Guignet's Green)
AABV	CHROMIUM PHOSPHATE
AADH	COAL TAR
ABJG	COAL TAR SOLVENT
AADJ	COBALT NAPHTHENATE DRIER
ABJH	COBALT OCTOATE
ABJJ	COPPER HYDROXIDE
AADR	COPPER LINOLEATE
AADS	COPPER MAGNESIUM SILICATE
AADW	COPPER PHTHALOCYANINE BLUE
AADX	COPPER PHTHALOCYANINE, BLUE EXTENDER
AADT	COPPER PHTHALOCYANINE (Monastral Blue)
ABJK	COPPER QUINOLINOLATE
AADY	COPPER RESINATE
AADZ	CUINACRIDONE RED

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REPLY
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REPLY (AN48)

ABJL	CUPRIC OXIDE HYDRATED
AAEA	CUPROUS OXIDE
AAEB	DAMMAR RESIN
ABLH	DIARYLIDE YELLOW
ABJM	DIATOMACEOUS EARTH (Opaline Silica)
AAEC	DIATOMACEOUS SILICA
AAED	DIBASTIC ACID
ABLJ	DIBROMOANTHRANTHRONE RED
ABJN	DICHLORO METHANE (Methylene Chloride)
AAEE	DINITROANILINE ORANGE
AAEF	DRIERS
AAEG	DRIERS DRYING OIL PHTHALIC ALKYD RESIN, MODIFIED THINNER
AAEH	DRIERS GLYCERYL PHTHALATE ALKYD RESIN, OIL MODIFIED THINNER
AAEJ	DRIERS GLYCERYL PHTHALATE ALKYD RESIN THINNER
ABHB	DRIERS METALLIC
AAEK	DRIERS, ODORLESS
AAEL	DRIERS PHENOL-FORMALDEHYDE RESIN RAW TUNG OIL THINNER
AAEM	DRIERS PHTHALIC ALKYD RESIN, OIL MODIFIED
AAEN	DRIERS PHTHALIC ALKYD RESIN, OIL MODIFIED THINNER
AAEP	DRIERS PHTHALIC ALKYD RESIN THINNER
AAEQ	DRIERS PHTHALIC ALKYD RESIN THINNER, ODORLESS
AAER	DRIERS PHTHALIC ALKYD RESIN VOLATILE SOLVENT
AAES	DRIERS PHTHALIC ANHYDRIDE MODIFIED RESIN OF POLYHYDROXYL ALCOHOL THINNER
AAET	DRIERS STYRENATED PHTHALIC ALKYD RESIN THINNER
AAEW	DRYING OIL
AAEX	DRYING OIL ACID
AAEY	DRYING OIL MODIFIED
AAEZ	ELASTOMER
AAFA	EPOXY
ABMA	EPOXY ESTER
AAFB	EPOXY RESIN
AAFC	EPOXY RESIN IN KETONE AROMATIC HYDROCARBONS
AAFD	ESTER GUM Ester Gum (use Reply Code ABKQ)
AAFE	ETHER
AAFF	ETHYLENE GLYCOL
AAFG	ETHYLENE GLYCOL MONOETHYL
AAFH	ETHYLENE ISOPROPYL
ABMS	ETHYLGLYCOL ACETATE
AAFJ	EXTENDER
ABJQ	FERRIC FERROCYANIDE (Chinese Blue/Prussian Blue)
AAFK	FERRIC OXIDE
AAFL	FERRIC OXIDE HYDRATE
ABJR	FERRIC OXIDE PIGMENT Ferric Oxide (use Reply Code AAGM)
AAFM	FERRITE YELLOW

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REPLY
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REPLY (AN48)

	Ferrite Yellow (use Reply Code AAPW)
AAFN	FIBER
ABJS	FIBROUS ENAMEL
AAFP	FIBROUS RED LEAD
ABJT	FIBROUS SILICA
AAFQ	FISH OIL
AAFR	FORMALDEHYDE
AAFS	GAS CARBON, BLACK
AAFT	GLYCERYL PHTHALATE
AAFW	GLYCERYL PHTHALATE ALKYD RESIN
AAFX	GLYCERYL PHTHALATE ALKYD RESIN, OIL MODIFIED
AAFY	GLYCOL
AAFZ	GRAPHITE SILICEOUS FLAKE
ABGX	GREEN IRON OXIDE
AAGA	GUM ROSIN (Pine Rosin)
AAGB	HEAT-BODIED LINSEED OIL
AAGC	HYDROCARBONS KETONES
AAGD	HYDROGENATED METHYL ABIETATE
ABLK	INDANTHRONE BLUE
AAGE	INDIAN RED
AAGF	INDIAN RED, IRON OXIDE
AAGG	INERT INGREDIENTS
AAGH	INHIBITOR
AAGJ	INORGANIC PIGMENT
AAGK	INSOLUBLE SILICEOUS
AAGL	IRON BLUE (Ferric Cyanide)
AAGN	IRON OXIDE, BROWN
	Iron Oxide, Brown (use Reply Code AABZ)
AAGM	IRON OXIDE (Ferric Oxide)
ABLL	ISOINDOLINONE YELLOW
ABJU	ISOPHTHALIC ACID
AAGQ	ISOPROPYL ALCOHOL
AAGR	LAMPBLACK
AAGS	LEAD ACETATE (Sugar of Lead)
ABJV	LEAD CARBONATE
AAGT	LEAD CHROMATE (Chrome Yellow)
ABJX	LEAD LINOLEATE
AAGX	LEAD NAPHTHENATE DRIER
ABJW	LEAD OLEATE
AAGY	LEAD OXIDE
AAGW	LEADED ZINC OXIDE
AAGZ	LEMON CHROME YELLOW
	Lemon Chrome Yellow (use Reply Code AAGT)
AAHA	LIGHT STABLE CHROME YELLOW
	Lime Hydrate (use Reply Code ABJF)
AAHB	LIME RESISTANT TINTING COLOR
AAHC	LINSEED OIL

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<u>REPLY CODE</u>	<u>REPLY (AN48)</u>
AAHD	LINSEED OIL, ALKALI REFINED
AAHE	LINSEED OIL, ALKALI REFINED THINNER
AAHF	LINSEED OIL, MODIFIED GLYCEROL
	Linseed Oil, Raw (use Reply Code AAME)
AAHH	LINSEED OIL, REFINED
	Linseed Oil Styrenated (use Reply Code ABKY)
AAHJ	LINSEED OIL THINNER
AAHK	LITHOPONE
AAHL	MAGNESIUM SILICATE
AAHM	MALEIC
ABJY	MALEIC ANHYDRIDE
ABJZ	MANGANESE ACETATE
AAHN	MANGANESE LINOLEATE
AAHP	MANGANESE NAPHTHENATE
ABKA	MANGANESE OXIDE
AAHQ	MANUFACTURERS SECRET
	Mapico Red (use Reply Code AAGM)
AAHS	MEDIUM CHROME GREEN
	Medium Chrome Yellow (use Reply Code AAPX)
AAHW	MELAMINE
AAHX	MERCURIC OXIDE
AAHY	MERCUROUS CHLORIDE
AAHZ	MERCUROUS OXIDE
ABKB	MERCURY SULFIDE (Vermillion Pigment)
AAJA	METAL
AAJB	METALLIC
AAJC	METALLIC BROWN
AAJD	METALLIC FLAKED LEAD
ABMQ	METHYL ETHYL KETONE
AAJE	METHYL ISOLUTYL KETONE
AAJF	METHYL VIOLET TONER
AAJG	MICA
AAJJ	MILDEW INHIBITOR
AAJH	MILDEWCIDE
ABKC	MINERAL BLACK (Slate Black)
AAJK	MINERAL SPIRITS
AAJL	MIXING VARNISH
AAJN	MOLYBDATE ORANGE
AAJP	MOLYBDATE ORANGE TITANIUM
AAJM	MOLYBDENUM ORANGE
ABLT	MONOAZO RED
ABKD	NAPHTHENATE DRIERS (Metallic Salts W/Naphthenic Acids)
AAJQ	NATIVE ASPHALT
AAJR	NATURAL
AAJS	NATURAL CRYSTALLINE FLAKE
AAJT	NATURAL CRYSTALLINE FLAKE GRAPHITE
AAJW	NATURAL RESIN

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ABKE	NEOPRENE (Chloroprene)
AAJX	NITROCELLULOSE
AAJY	OIL ALKYD
AAJZ	OIL ALKYD RESIN THINNER
ABKF	OIL ASPHALT (Asphalt Oil)
AAKA	OIL MOD
ABKG	OIL MODIFIED ALKYD
AAKB	OIL MODIFIED DRIERS
AAKC	OLEORESIN
AAKD	OLEORESINOUS BASE
AAKE	OLEORESINOUS VARNISH
AAAV	ORTHOPHOSPHORIC ACID
AAKF	PARAFFIN WAX (Mineral Wax)
ABLM	PERINONE ORANGE
AAKG	PETROLEUM
AAKH	PETROLEUM SPIRITS THINNER
AAKJ	PHENOL
AAKK	PHENOLIC
AAKL	PHENOLIC ALKYD RESIN
AAKM	PHENOLIC ALKYD RESIN THINNER
AAKN	PHENOLIC CONDENSATE
AAKP	PHENOLIC MODIFIED ALKYD RESIN SOLUTION
AAKQ	PHENOLIC RESIN
AAKR	PHENOLIC RESIN SPAR-VARNISH
AAKS	PHENOLIC RESIN VARNISH
AAKT	PHENOLIC SPAR VARNISH
AAKW	PHENOLIC VARNISH
ABMC	PHOSPHATE
ABMK	PHOSPHORIC ACID
AAKX	PHTHALIC ALKYD RESIN
AAKY	PHTHALIC ALKYD RESIN, OIL
AAKZ	PHTHALIC ALKYD RESIN, OIL MODIFIED
AALA	PHTHALIC ALKYD RESIN SOLUTION
AALB	PHTHALIC ALKYD RESIN SOLUTION THINNER DRIERS
AALC	PHTHALIC ALKYD RESIN THINNER
AALD	PHTHALIC ALKYD RESIN THINNER, ODORLESS
AALE	PHTHALIC ALKYD RESIN, VOLATILE SOLVENT
AALF	PHTHALIC ANHYDRIDE
ABMD	PHTHALIC RESIN
ABMM	PHTHALIC RESIN, DRYING OIL MODIFIED
ABMF	PHTHALIC RESIN, MODIFIED
AALG	PHTHALOCYANINE BLUE
AALH	PHTHALOCYANINE BLUE TONER
AALJ	PHTHALOCYANINE GREEN
AALK	PHTHALOCYANINE GREEN TONER
ABLP	PHTHALOCYANINE GREEN YELLOW TONE
AALL	PHTHALP GREEN

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<u>REPLY CODE</u>	<u>REPLY (AN48)</u>
AALN	PINE OIL
AALM	PLASTIC
ABMN	PLASTICIZER
ABLY	PLASTICIZER, CHLORINATED
AALP	POLYAMIDE
AALQ	POLYAMIDE RESIN
ABMH	POLYAMINE
AALR	POLYHYDROXYL ALCOHOL
AALS	POLYISOBUTYLENE POLYMER
ABKH	POLYUREA RESIN
AALT	POLYURETHANE
AALW	POLYVINYL ACETATE
ABKJ	POLYVINYL ACETATE RESIN
ABMJ	POLYVINYL BUTYRAL
ABMG	POLYVINYL BUTYRAL, MODIFIED
ABKK	POLYVINYL CHLORIDE RESIN
ABKL	POLYVINYL METHYL ETHER
AAAU	POLYVINYL POLYBUTYRAL
ABMT	POLYVINYL RESIN
ABKM	POTASSIUM NAPHTHENATE
AALX	PRECIPITATED CALCIUM CARBONATE
AALY	PROPELLANT STYRENATED ALKYD RESIN THINNER
AALZ	PROPELLANT STYRENE CHLORINATED POLYPHENY RESIN THINNER
ABKN	PULVERIZED SILICA
AAMB	PUMICE
AAMC	PURE EPOXY RESIN POLYAMINE
ABLQ	QUINACRIDONE MAGENTA
AAMD	QUINAROIDONE RED
AAME	RAW LINSEED OIL
AAMF	RAW SIENNA
ABMW	RAW UMBER
ABLR	RED IRON OXIDE, DARK
ABLS	RED IRON OXIDE, LIGHT
AAMG	RED IRON OXIDE (Venetian Red/Indian Red)
AAMH	RED LEAD (Lead Tetroxide)
ABML	RESIN
AAMJ	RESIN EMULSION
ABKP	RESIN MODIFIED ALKYD
ABGY	RESIN, PARA-PHENYL PHENOL-FORMALDEHYDE
AAMK	ROSIN
ABKQ	ROSIN ESTER (Ester Gum)
ABMB	RUBBER DERIVATE
ABLU	RUST PREVENTING PIGMENT
AAML	RUTILE
AAMM	RUTILE DIOXIDE
AAMN	RUTILE TITANIUM DIOXIDE
AAMP	SILICA

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<u>REPLY CODE</u>	<u>REPLY (AN48)</u>
ABKR	SILICA FLOUR
AAMQ	SILICA, PULVERIZED
ABKS	SILICA SAND
AAMR	SILICATE
ABKT	SILICATE WHITE LEAD
AAMS	SILICEOUS
AAMT	SILICEOUS EXTENDER
AAMW	SILICEOUS MINERAL
ABKU	SILICON MONOXIDE
AAMX	SILICONE
AAMY	SILICONE RESIN
ABKV	SODIUM NAPHTHENATE
ABLE	SOLVENT SOLUTION
AANA	SPAR VARNISH
ABKW	SPIRITS OF TURPENTINE (Wood Turpentine)
AANB	STABILIZER EPICHLOROHYDRIN THINNER
ABKX	STANNIC SULFIDE (Mosaic Gold)
AACU	STRONTIUM CHROMATE
ABKY	STYRENATED LINSEED OIL
AANC	STYRENATED PHTHALIC
AAND	STYRENE RESIN (Polystyrene)
	Sublimed White Lead (use Reply Code ABHX)
AANE	SULFIDE TYPE WITH ZINC OXIDE
AANF	SYNTHETIC RESIN
ABKZ	TETRAHYDRO PHTHALIC ANHYDRIDE
AANG	THINNER
AANH	THINNER MIXTURE
AANJ	THINNER, ODORLESS
AANK	TINTING COLOR
AANM	TITANIUM BARIUM PIGMENT
AANN	TITANIUM CALCIUM
AANP	TITANIUM DIOXIDE
AANQ	TITANIUM OXIDE (Titania)
	Titanium (use Reply Code AANQ)
AANR	TOLUENE
AANS	TOLUIDINE RED TONER
AANT	TRANSPARENT ORGANIC COMPOUND
AANW	TREATED DRYING OIL
AANX	TRICRESYL PHOSPHATE
AANY	TRICRESYL PHOSPHATE THINNER
AANZ	TUNG OIL (Drying Oil)
AAPA	TURPENTINE
AAPB	ULTRAMARINE BLUE
AAPC	UREA
AAPD	UREA ALKYD RESIN SOLUTION
AAPE	UREA RESIN
AAPF	VARNISH

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<u>REPLY CODE</u>	<u>REPLY (AN48)</u>
ABGQ	VARNISH, TT-V-81, TYPE 2
ABGR	VARNISH, TT-V-119
AAPG	VENETIAN RED
AAPH	VINYL
ABLA	VINYL BENZOATE
AAPJ	VINYL COPOLYMER
AAPK	VINYL METHYL METHACRYLATE
AAPL	VINYL RESIN
AAPM	VOLATILE SOLVENT
AAPN	WATER
AAPP	WATER GROUND MICA
AAPQ	WETTING AGENT
	White Lead (use Reply Code ABHU)
	Whiting (use Reply Code AACC)
AAPT	XYLENE
AAPW	YELLOW IRON OXIDE (Ferrite Yellow)
AAPX	YELLOW MEDIUM
AAPY	YELLOW OXIDE
ABLB	ZINC BICHROMATE (Orange-Yellow Pigment)
AAPZ	ZINC CHROMATE (Zinc Yellow /Buttercup Yellow)
ABLW	ZINC COMPOUND
AAQB	ZINC DUST
AAQC	ZINC OXIDE
AAQD	ZINC OXIDE, LEAD FREE
ABLX	ZINC PHOSPHATE
AABU	ZINC PHOSPHO-ALUMINATE
ABLC	ZINC RESINATE
AAQE	ZINC STEARATE
AAQF	ZINC SULFIDE
ABLD	ZINC TETROXY CHROMATE
AAQG	ZINC YELLOW
AAQH	ZINC YELLOW CHROMATE

Table 2 - COLORS
COLORS

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
AL0000	ALUMINUM
AL0023	ALUMINUM, WHITE
AL0021	ALUMINUM, WHITE, RAL 9006
MS0340	ANTHRACITE
	Apple Blossom (use Reply Code PK0024)
RG0075	APRICOT
	Aqua (use Reply Code GR0015)
	Avocado (use Reply Code GR0016)
GR0491	BANKSIA

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
BE0000	BEIGE
<i>BE0014</i>	<i>BEIGE, LIGHT</i>
<i>AA0002</i>	<i>BEIGE, PEARL</i>
MS0352 #	BISCUIT
BL0000	BLACK
BL0187	BLACK, AIRCRAFT
BL0188	BLACK, AIRCRAFT, INTERIOR
BL0051	BLACK, DEEP
BL0036	BLACK, DULL
<i>BL0052</i>	<i>BLACK, GRAY</i>
<i>AA0014</i>	<i>BLACKBERRY, PEARL</i>
BU0000	BLUE
BU0388 #	BLUE, AIRCRAFT
BU0490	BLUE, AIRCRAFT INSIGNIA
BU0389 #	BLUE, ARCTIC
BU0390 #	BLUE, AZURE
BU0142	BLUE BLACK
BU0098	BLUE, BRILLIANT
BU0017	BLUE, COBALT
BU0005	BLUE, DARK
BU0491	BLUE, DARK GRAY
<i>BU0391 #</i>	<i>BLUE, DEEP SAXE</i>
<i>AA0015</i>	<i>BLUE, DISTANT</i>
BU0489	BLUE, FED STD 595, 24516
BU0157	BLUE, FRENCH
<i>BU0509</i>	<i>BLUE, GENTIAN</i>
<i>AA0018</i>	<i>BLUE, GENTIAN PEARL</i>
BU0360	BLUE, GRAY
BU0055	BLUE GREEN
BU0492	BLUE, GUM
BU0493	BLUE, HARBOUR
BU0131	BLUE, INSIGNIA
	Blue, Jade (use Reply Code GR0148)
BU0026	BLUE, LIGHT
BU0392 #	BLUE, LIGHT FRENCH
BU0498	BLUE, LIGHT, NASSAU
BU0029	BLUE, MEDIUM
BU0393 #	BLUE, MIDDLE
BU0030	BLUE, MIDNIGHT
BU0123	BLUE, MIST
BU0494	BLUE, MOUNTAIN
BU0033	BLUE, NAVY
BU0037	BLUE, ORIENTAL
BU0394 #	BLUE, OXFORD
BU0396 #	BLUE, P.R.U
BU0395 #	BLUE, PALE
BU0124	BLUE, PASTEL
<i>BU0203</i>	<i>BLUE, PEACOCK</i>

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
<i>AA0017</i>	<i>BLUE, PEARL NIGHT</i>
BU0495	BLUE, POST OFFICE
BU0100	BLUE, POWDER
BU0397 #	BLUE, RAIL
BU0496	BLUE, RICH
BU0042	BLUE, ROYAL
BU0043	BLUE, SAPPHIRE
BU0047	BLUE, SKY
BU0054	BLUE STEEL
BU0076	BLUE, STRONG
BU0217	BLUE, TURQUOISE
BU0050	BLUE, ULTRAMARINE
BU0004	BLUE-WHITE
BU0497	BLUEBELL
MS0012	BRASS
MS0065	BRONZE
BR0190	BROWN 383, 30051
BR0000	BROWN
BR0043	BROWN, BEAVER
BR0010	BROWN, DARK
BR0145 #	BROWN, DARK CAMOUFLAGE
BR0011	BROWN, EARTH
BR0013	BROWN, GOLDEN
BR0146 #	BROWN, LEAF
BR0003	BROWN, LIGHT
BR0147 #	BROWN, LIGHT PURPLE
BR0148 #	BROWN, MIDDLE
BR0182	BROWN, NUT
BR0045	BROWN, ORANGE
BR0051	BROWN, REDDISH
<i>BR0149 #</i>	<i>BROWN, SERVICE</i>
<i>AA0030</i>	<i>BROWN, TERRA</i>
MS0013	BUFF
MS0240	BUFF, DEEP
MS0207	BUFF, LIGHT
MS0353 #	BUFF, MIDDLE
YE0005	BUTTERCUP
BR0183	BUTTERSCOTCH
RE0047	CARMINE
MS0014	CEDAR
MS0341	CERRUX-GREEN
MS0015	CHARCOAL
GR0044	CHARTREUSE (Chocolate)
MS0249	CHERRY WOOD
BR0048	CINNAMON
	Claret (use Reply Code RE0099)
CL0000	CLEAR
MS0391	COFFEE

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
CL0001	COLORLESS
MS0392	COOTAMUNDRA
<i>CT0001</i>	<i>COPPER</i>
<i>AA0031</i>	<i>COPPER, PEARL</i>
CR0000	CREAM
CR0011 #	CREAM, DEEP
CR0004	CREAM, LIGHT
CR0012 #	CREAM, PALE
RE0012	CRIMSON
RE0013	CRIMSON, DARK
MS0393	CUSTARD
MS0251	DRAB, DESERT
MS0063	DRAB, FIELD
MS0354 #	DRAB, VERY DARK
MS0144	DRIFTWOOD
MS0355 #	EARTH, DARK
MS0356 #	EAU-DE-NIL
MS0394	EUCALYPTUS
BR0049	FAWN
RE0040	FLAME
MS0395	GHOSTGUM
MS0396	GLACIER
<i>GL0000</i>	<i>GOLD</i>
<i>AA0003</i>	<i>GOLD, PEARL</i>
MS0357 #	GRAPHITE, MIDDLE
GY0000	GRAY
GY0004	GRAY, AIRCRAFT
GY0238	GRAY, AIRCRAFT, INTERIOR
GY0075	GRAY, BEIGE
GY0147	GRAY, BLACK
GY0006	GRAY, BLUE
GY0239	GRAY, CLOUD
GY0008	GRAY, DARK
GY0104 #	GRAY, DARK ADMIRALTY
GY0181 #	GRAY, DARK SEA
GY0051	GRAY, DOVE
GY0182 #	GRAY, EXTRA DARK SEA
GY0094	GRAY, FED STD 595, 26307
GY0183 #	GRAY, FRENCH
GY0240	GRAY, GRAPHITE
GY0241	GRAY, GREEN
GY0011	GRAY, GULL
GY0257	GRAY, HAZE
GY0237	GRAY, HAZEL
GY0242	GRAY, KOALA
GY0243	GRAY, LEAD
GY0002	GRAY, LIGHT
GY0103 #	GRAY, LIGHT ADMIRALTY

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
GY0184 #	GRAY, LIGHT AIRCRAFT
GY0185 #	GRAY, LIGHT SLATE
GY0186 #	GRAY, MEDIUM SEA
GY0244	GRAY, MID
GY0046	GRAY, MIST
GY0072	GRAY, NAVY
GY0254	GRAY, NORWAY LT
GY0255	GRAY, NORWAY MOUNTAIN, DARK
GY0044	GRAY, PASTEL
GY0017	GRAY, PEARL
GY0102 #	GRAY, RAF BLUE
GY0150	GRAY, SEA, DARK
GY0258	GRAY, SHIPSIDE
GY0003	GRAY, SLATE
GY0020	GRAY, SMOKE
GY0247	GRAY, SQUIRREL
GY0245	GRAY, STORM
GR0000	GREEN
GR0468	GREEN, AIRCRAFT
GR0372 #	GREEN, AIRCRAFT GRAY
GR0015	GREEN, AQUA
GR0075	GREEN, ARMY
GR0016	GREEN, AVOCADO
GR0018	GREEN, BOTTLE
GR0142	GREEN, BRIGHT
GR0163 #	GREEN, BRILLIANT
GR0320	GREEN, BROWN
GR0020	GREEN, DARK
GR0162 #	GREEN, DEEP BRONZE
GR0373 #	GREEN, DEEP BRUNSWICK
GR0021	GREEN, EMERALD
GR0023	GREEN, FERN
GR0024	GREEN, FOREST
GR0083	GREEN, GRASS
GR0026	GREEN, GRAY
GR0148	GREEN, JADE
GR0031	GREEN, LEAF
GR0032	GREEN, LIGHT
GR0282 #	GREEN, LIGHT BRONZE
GR0374 #	GREEN, LIGHT BRUNSWICK
GR0375 #	GREEN, LIGHT OLIVE
GR0469	GREEN, LILY
GR0470	GREEN, LIME
GR0006	GREEN, MEDIUM
GR0376 #	GREEN, MIDDLE BRONZE
GR0377 #	GREEN, MIDDLE BRUNSWICK
GR0082	GREEN, MOSS
GR0462	GREEN, NATO INFRARED

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
GR0004	GREEN, NATURAL
GR0011	GREEN, OLIVE
GR0378 #	GREEN, OPALINE
GR0035	GREEN, PALE
GR0287	GREEN, PALM
<i>GR0049</i>	<i>GREEN, PASTEL</i>
<i>AA0021</i>	<i>GREEN, PEARL</i>
<i>AA0022</i>	<i>GREEN, PEARL, OPAL</i>
GR0471	GREEN, RAIN FOREST
GR0077	GREEN, SAVANNA
<i>GR0038</i>	<i>GREEN, SEA</i>
<i>GR0467</i>	<i>GREEN, SIGNAL</i>
GR0472	GREEN, SURF
GR0379 #	GREEN, TRAFFIC
GR0380 #	GREEN, VERDIGRIS
<i>GR0492</i>	<i>GREEN 383, 34094</i>
<i>AA0033</i>	<i>GREY, PEARL DARK</i>
<i>AA0032</i>	<i>GREY, PEARL LIGHT</i>
<i>AA0029</i>	<i>GREY, PEARL MOUSE</i>
<i>AA0023</i>	<i>GREY, SIGNAL</i>
<i>AA0025</i>	<i>GREY, SILK</i>
<i>AA0024</i>	<i>GREY, WINDOW</i>
MS0397	IRONBACK
VY0000	IVORY
VY0003	IVORY, LIGHT
GR0046	JADE
KH0000	KHAKI
MS0031	LAVENDER
MS0358 #	LEAD
YE0068	LEMON
MS0398	LETTUCE
MS0399	LICHEN
MS0033	LILAC
MS0344	LILAC, RED
MS0343	LIVER
MS0034	MAGENTA
MS0035	MAHOGANY
MS0250	MAHOGANY, DARK
MS0247	MAHOGANY, LIGHT
MS0400	MALACHITE
MS0359 #	MANILLA
MS0211	MAPLE
MS0252	MAPLE, HONEYTONE
GL0031	MARIGOLD
MA0000	MAROON
PU0041	MULBERRY
	Mushroom (use Reply Code PK0041)
	Mustard (useReply Code YE0162)

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
NA0000	NATURAL
MS0360 #	NIGHT
KA0010	OAK, ANTIQUE
KA0007	OAK, BLACK, EXTRA
KA0002	OAK, DARK
KA0001	OAK, LIGHT
KA0011	OAK, MEDIUM
KA0006	OAK, MEDIUM, EXTRA
MS0401	OATMEAL
	Ochre, Pale (use Reply Code YE0007)
WH0011	OFF-WHITE
LD0008	OLIVE
LD0054	OLIVE, BLACK
LD0055	OLIVE, BRONZE
LD0000	OLIVE DRAB
LD0040	OLIVE, YELLOW, RAL 6014
	Opaline (use Reply Code GR0378)
RG0000	ORANGE
<i>RG0003</i>	<i>ORANGE, BLAZE</i>
<i>AA0005</i>	<i>ORANGE, DEEP</i>
RG0009	ORANGE, INTERNATIONAL
RG0011	ORANGE, LIGHT
<i>RG0053</i>	<i>ORANGE, PASTEL</i>
<i>AA0007</i>	<i>ORANGE, PEARL</i>
RG0077	ORANGE, PURE
<i>RG0001</i>	<i>ORANGE-RED</i>
<i>AA0006</i>	<i>ORANGE-SALMON</i>
RG0002	ORANGE-YELLOW
MS0318	OYSTER
MS0045	PARCHMENT
PK0007	PEACH
PK0000	PINK
PK0024	PINK, APPLE BLOSSOM
PK0040	PINK, DUSTY
<i>PK0041</i>	<i>PINK, MUSHROOM</i>
<i>AA0010</i>	<i>PINK, PEARL</i>
PK0013	PINK, ROSE
PK0035 #	PINK, SALMON
PK0036 #	PINK, SHELL
PU0039	PLUM
MS0402	POSSUM
MS0361 #	PRIMROSE
MS0384	PRIMROSE, PALE
MS0326	PUMPKIN
PU0000	PURPLE
PU0013	PURPLE, LIGHT
MS0403	RAFFIA
RE0267	RASPBERRY

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
RE0000	RED
RE0268	RED, AIRCRAFT
RE0008	RED, BRICK
RE0009	RED, BRIGHT
RE0010	RED, BROWNISH
RE0105	RED, CADMIUM
RE0228 #	RED, CAMOUFLAGE
RE0011	RED, CARDINAL
RE0082	RED, CARMINE
RE0113	RED, CHERRY
RE0106	RED, CHINESE
RE0099	RED, CLARET
RE0269	RED, COAST GUARD
RE0229 #	RED, DEEP INDIAN
RE0039	RED, EARTH
RE0109	RED, FIRE
RE0221	RED, FLAME, RAL 3000
RE0230 #	RED, GULF
RE0270	RED, GUM
RE0107	RED, MAHOGANY
<i>AA0008</i>	<i>RED, ORIENT</i>
<i>RE0231 #</i>	<i>RED, OXIDE</i>
RE0232 #	RED, POST OFFICE
<i>RE0233 #</i>	<i>RED, RAIL</i>
<i>AA0009</i>	<i>RED, RUBY</i>
RE0234 #	RED, SIGNAL
RE0235 #	RED, VENETIAN
RE0108	RED, VERMILLION
MS0248	REDWOOD, DARK
MS0246	REDWOOD, LIGHT
RE0006	ROSE
MS0215	ROSEWOOD
MS0049	SAND
MS0062	SAND, DESERT
MS0385	SANDSTONE
MS0383	SANDSTONE DARK
	Sapphire (use Reply Code BU0043)
RE0022	SCARLET
MS0404	SERPENTINE
MS0405	SHAMROCK
SL0000	SILVER
SL0007	SILVER, GRAY
MS0362 #	SKY
MS0052	SLATE
MS0386	STONE, DEEP
MS0363 #	STONE, LIGHT
MS0004	STRAW
MS0219	STRAW, LIGHT

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
MS0387	SUNFLOWER
TA0097	TAN 686, 33440
TA0000	TAN
TA0093	TAN, GOLDEN
<i>MS0218</i>	<i>TANGERINE</i>
<i>AA0026</i>	<i>TELEGREY 1</i>
<i>AA0027</i>	<i>TELEGREY 2</i>
<i>AA0028</i>	<i>TELEGREY 3</i>
<i>AA0012</i>	<i>TELEMAGENTA</i>
MS0056	TERRA COTTA
MS0406	TI-TREE
TR0000	TURQUOISE
<i>AA0019</i>	<i>TURQUOISE, MINT</i>
<i>AA0020</i>	<i>TURQUOISE, PEAL</i>
	Ultramarine (use Reply Code BU0050)
MS0364 #	VELLUM
VL0000	VIOLET
VL0004	VIOLET, DARK
<i>VL0009</i>	<i>VIOLET, LIGHT</i>
<i>AA0011</i>	<i>VIOLET, PASTEL</i>
<i>AA0010</i>	<i>VIOLET, PEARL</i>
WA0000	WALNUT
WA0005	WALNUT, AMERICAN
WA0008	WALNUT, DARK
WA0007	WALNUT, LIGHT
WA0006	WALNUT, RICH
MS0407	WARATAH
MS0408	WATTLE
WH0000	WHITE
WH0145	WHITE, AIRCRAFT
WH0053	WHITE, INSIGNIA
WH0013	WHITE, IVORY
WH0085	WHITE, PEARL
WH0071	WHITE, PURE
WH0008	WHITE, SOFT
WH0012	WHITE, TRANSLUCENT
WH0146	WHITE, UN-TINTED
YE0000	YELLOW
YE0202	YELLOW, AIRCRAFT
YE0004	YELLOW, ARC
YE0151	YELLOW, BEIGE
YE0152	YELLOW, BROWN
<i>YE0006</i>	<i>YELLOW, CANARY</i>
<i>AA0000</i>	<i>YELLOW, DAHLIA</i>
YE0013	YELLOW, EARTH
YE0014	YELLOW, GOLDEN
YE0050	YELLOW, GRAY
YE0021	YELLOW, HONEY

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
YE0019	YELLOW, LEMON
YE0001	YELLOW, LIGHT
YE0041	YELLOW, MEDIUM
YE0162	YELLOW, MUSTARD
YE0007	YELLOW, OCHRE
<i>YE0171</i>	<i>YELLOW, OLIVE</i>
<i>AA0001</i>	<i>YELLOW, PASTEL</i>
YE0203	YELLOW, POST OFFICE
<i>YE0029</i>	<i>YELLOW, SAND</i>
<i>AA0004</i>	<i>YELLOW, SUN</i>
YE0177 #	YELLOW, TRAFFIC
YE0204	YELLOW, VIVID
YE0103	YELLOW, ZINC

Table 3 - BASIC FORMULATION TYPE
BASIC FORMULATION TYPE

<u>REPLY CODE</u>	<u>REPLY (AJ06)</u>
DQ	ALCOHOL
AN	CLEAR OIL
DR	DESTRUCTIVELY DISTILLED WOOD
CD	DRY
CH	DRY POWDER W/SEPARATE ADHESIVE AND THINNER
DS	DRYING OILS
DT	DRYING OILS-RESINS
BR	EMULSION
DU	GUM SPIRITS
CM	LACQUER
CJ	LIQUID MIXTURE DIRECT APPLICATION
CK	LIQUID MIXTURE W/SEPARATE THINNER
BF	MINERAL OIL
AQ	OIL EMULSION
AR	OIL IN WATER EMULSION
CN	OIL (Mixture of Colored Pigment, Drying Oil, And Thinner)
BT	OIL MODIFIED POLYURETHANE
CE	PASTE
DV	PIGMENT GROUND IN LINSEED OIL
DW	PIGMENT GROUND IN LINSEED OIL, TURPENTINE AND VOLATILE MINERAL SPIRITS
BW	POLYURETHANE
CF	PREPARED IN JAPAN
CG	PREPARED IN OIL
CP	RESIN
BX	RESIN MODIFIED POLYURETHANE
CQ	SHINGLE (Mixture of Colored Pigment, Wood Preservative, Drying Oil, And Thinner)
BS	SOLUTION

<u>REPLY CODE</u>	<u>REPLY (AJ06)</u>
AT	SOLVENT
CR	SPIRIT (Dye Dissolved In Alcohol, Toluene, Or Other Volatile Liquid)
DX	STEAM DISTILLED WOOD
DY	SULPHUR WOOD
CS	VARNISH (Mixture Of Colored Pigment Or Dye And Oil Varnish)
AW	VOLATILE HYDROCARBONS IN WATER EMULSION
CT	WATER (Dye Dissolved In Water)
AX	WATER EMULSION

Table 4 - PHYSICAL FORMS
PHYSICAL FORMS

<u>REPLY CODE</u>	<u>REPLY (AE98)</u>
AEL	CREAM PASTE
AEM	DRY
AAK	FLAKE
AEN	GLASS BEAD
AEP	GRANULAR
ACB	LIQUID
ACD	PASTE
AAX	PELLET
ABC	POWDER
AEQ	SEMIPASTE
ABH	SHEET
ADY	SPHERE
AAB	STICK

Table 5 - SPECIFIC USES
SPECIFIC USES

<u>REPLY CODE</u>	<u>REPLY (AD34)</u>
CG	AIRCRAFT
SC	AIRCRAFT FABRIC SURFACES
AEH	AIRCRAFT INTERIOR FINISH COAT
SD	AIRCRAFT SURFACES
ADR	ALUMINUM
AEL	AMMUNITION CONTAINERS
AET	ANTI-GRAFFITO
AFC	ANTI-OIL AFFECTION
SE	ANTICORROSIVE FINISH
SF	APPLIANCE FINISHES
AEP	ASBESTOS
SG	AUTOMOBILE FINISHES
AEN	AUTOMOBILE INTERIOR

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<u>REPLY CODE</u>	<u>REPLY (AD34)</u>
AEX	BELTS
AEG	BLACK PNEUMATIC TIRES
AEB	BLASTED STEEL
ADY	BLASTED SURFACE
AES	BOARD
AEC	BRASS
SH	CAMOUFLAGE
SJ	CHALK BOARD
SK	COATING AMMUNITION
SL	COATING LINERS/HELMETS
AED	COPPER
AEE	CORK
SM	CORROSION RESISTIVE PRIMER
ADK	CORROSION RESISTIVE PRIMER ON STEEL
SN	DECALCOMANIA
ADU	DERUSTED STEEL
AEA	ELECTROLYTIC GALVANIZED METAL
SP	EXTERIOR BOILER SURFACES
SQ	EXTERIOR HULL SURFACES
SR	EXTERIOR MASONRY SURFACES
SS	EXTERIOR TRIM
ST	FABRIC SURFACES REPAIR
AEV	FINISH COAT
ADH	FINISH COAT ON CHLORINATED RUBBER SYSTEM
ADF	FINISH COAT ON PRIMED STEEL
SU	FINISH COAT ON PRIMED WOOD AND METAL SURFACES
AFA	FIRING TARGETS
SV	FLOOR-DECK
ADP	FOURTH COAT ON NOVOPLASTSYSTEM
SW	FURNACES, FLUES, STACKS, MANIFOLDS, PIPELINES, HEAT EXCHANGES
AFD	GENERAL EXTERIOR
SX	FURNITURE
SY	GENERAL EXTERIOR
ES	GENERAL INTERIOR
TA	GENERAL PURPOSE
AEW	GLASS FROSTINGS
TB	HELICOPTER INSTRUMENT PANEL, ANTI-REFLECTIVE
TC	HIGH TEMPERATURE CORROSION PREVENTIVE
SZ	HIGHWAY/RUNWAY MARKINGS
ADZ	HIGHWAY SIGN MARKINGS
TD	HOT DIP GALVANIZED METAL
TE	INTERIOR BOILER SURFACES
TF	INTERIOR MASONRY SURFACES
AEF	INTERIOR TRIM
AEK	IRON
AEY	ISOLATION
	LEATHER

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REPLY
CODE

REPLY (AD34)

TG	MACHINERY FINISHES
TK	MARINE
TH	MARK AIRCRAFT-OBSTRUCTIONS
TJ	MARKING, AMMUNITION, BALES, FIBERBOARD BOXES
AEJ	MARKINGS ON AIRCRAFT
ADW	METAL
TL	METAL DECKS
AER	PLASTER WORK
TM	PLASTIC SURFACES
TN	PRESERVATIVE
TP	PRIMER COAT
ADG	PRIMER COAT ON BLASTED STEEL
ADJ	PRIMER COAT ON CONCRETE
ADQ	PRIMER COAT ON NOVOPLASTSYSTEM
ADT	PRIMER COAT ON STEEL
AEU	PROTECTIVE COATING, ELECTRONIC EQUIPMENT
AEZ	RADAR ANTENNES
ADV	SCRATCH RESISTANT FINISH
TQ	SEALER FOR MASONRY SURFACES
TR	SEALER FOR METAL SURFACES
TS	SEALER FOR PLASTIC SURFACES
TT	SEALER FOR WOOD SURFACES
AFB	SEALING WEAPONS
ADN	SECOND CORROSION RESISTIVE COAT
TU	SHIP/BOAT BOTTOMS
ACR	SHIP/BOAT EXTERIOR
ACS	SHIP/BOAT INTERIOR
TV	SILK SCREENING
TW	SOLAR HEAT REFLECTING FINISHES
ADM	SPORTING FIELD MARKINGS
ADL	STEEL
ADS	STEEL, HOT DIP GALVANIZED
TX	STRIPPING PAINT
TY	STRUCTURAL STEEL
TZ	SWIMMING POOLS
UA	TANK INTERIOR SURFACES
UB	TAUTENING PURPOSES
AFE	TILE
UC	TINTING COLORS
UD	TOUCH-UP
UE	TREE MARKING
AEM	TURBO JET ENGINE
AEQ	ULTRAVIOLET LIGHT PROTECTIVE COATING
UF	UNDERCOAT
ADX	WALL
UG	WATERPROOFING OF MASONRY SURFACES
GR	WOOD

<u>REPLY CODE</u>	<u>REPLY (AD34)</u>
UH	WOOD DECKS
UJ	WOOD SHAKES-ROUGH SIDINGS FIXATIVE

Table 6 - APPLICATION METHODS
APPLICATION METHODS

<u>REPLY CODE</u>	<u>REPLY (AF22)</u>
BA	BAKED ON
CB	BRUSHING, AFTER THINNING
BL	BRUSHING AS PACKAGED
BW	COLD SPRAY
AM	DIPPED
AK	GUN
BT	HOT DIP
CA	HOT SPRAY
AL	KNIFE
BR	ROLLER
BM	SPRAYING AFTER THINNING
BN	SPRAYING AS IS

Table 7 - PACKAGE TYPES
PACKAGE TYPES

<u>REPLY CODE</u>	<u>REPLY (AN65)</u>
AAH	BAG
AAJ	BAG, PLASTIC
AGP	BARREL
AGQ	BOMB
AAK	BOTTLE
AAL	BOTTLE, AEROSOL
AAS	BOTTLE, DISPOSABLE
ABF	BOTTLE, PLASTIC
ABJ	BOTTLE, PLASTIC SPRAY
ABK	BOTTLE, PLASTIC SQUEEZE
ACD	BOX
ACF	BOX, METAL
ACJ	CAN
ACK	CAN, AEROSOL
AGR	CAN, DOUBLE COMPARTMENT
ARS	CAN, FLAT TOP
ART	CAN, PLASTIC
AGS	CAN, PRESSURIZED SPRAY
AGT	CAN, SCREW TOP CLOSURE
ACM	CAN, SHAKER-SIFTER
ARU	CAN, SHAKER-TOP

<u>REPLY CODE</u>	<u>REPLY (AN65)</u>
ACQ	CAN WITH SPRAY DISPENSER
ACX	CARTON
ACY	CARTRIDGE
ACZ	CARTRIDGE, AEROSOL
ADD	CASE
ADK	DRUM
ADS	JAR
ADW	JAR, PLASTIC
AGU	KIT
ADY	PACKET
AGV	PAIL
AGW	PAIL, DOUBLE COMPARTMENT
AGX	SACK
AFR	TUBE
AEY	TUBE, PLASTIC SQUEEZE
AFQ	VIAL

Table 8 - SHADE SOURCES
SHADE SOURCES

<u>REPLY CODE</u>	<u>REPLY (AF94)</u>
EN	AFNOR
DZ #	AKZO COATINGS BV
DT	AUSTRALIAN STANDARD AS 2700
EK #	BICHEMIE COATINGS BV
EG #	BRUYNZEEL MULTIPANEL BV
AZ	BUSHIPS
CB	BUWEPS
DV	CANADIAN GENERAL STANDARD BOARD 1-GP-12
EM #	CETA BEVER BV
AF	COLOR ASSOCIATION OF THE US
DH #	FEDERAL OFFICE OF DEFENSE ENGINEERING AND PROCUREMENT
BF	FOREIGN PROTOTYPE NUMBER
EH #	FORTIS COATINGS BV
EA #	KONINKLIJKE BRINK/MOLYN BV
EJ #	KOOL EN CO BV, VERF-EN VERNISFABRIEKEN
EB #	MACOSTAN BV
BP	MANUFACTURER
EL #	MATERIALAMT DER BUNDESWEHR
EC #	MINISTRY OF DEFENCE
ED #	RAL DEUTSCHES INSTITUT FUER GUETESICHERUNG UND KENNZEICHNUNG EV
DP	ROYAL NETHERLANDS AIR FORCE
DQ	ROYAL NETHERLANDS ARMY
DR	ROYAL NETHERLANDS NAVY
EE #	SIGMA COATINGS BV

<u>REPLY CODE</u>	<u>REPLY (AF94)</u>
BM	SIGNAL CORPS
EF #	SIKKENS LAKFABRIEKEN BV
AB	US AIR FORCE
BW	US AIR FORCE ACADEMY
AC	US ARMY
BD	US ARMY NATICK LABORATORIES
DD	US COAST GUARD
AD	US MARINE CORPS
AE	US NAVY
BH	VA

Table 9 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE

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<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM

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<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

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OUNCE TO DECIMAL OF A POUND CONVERSION CHART	77

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STANDARD FRACTION TO DECIMAL CONVERSION CHART

<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>	<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	-----	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	-----	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	-----	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	-----	.219	.2188				23/32	-----	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	-----	.281	.2812				25/32	-----	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	-----	.344	.3438				27/32	-----	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	-----	.406	.4062				29/32	-----	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	-----	.469	.4688				31/32	-----	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

<u>OUNCES</u>	<u>POUNDS</u>
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective March 5, 2010

CHANGE Reply Codes for MRC HUES(COLOR) Table AD06.